

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061723\
 Data File : PL083512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2023 06:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2023
 Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 12:37:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.451	2.752	48123771	49050069	21.772	21.057
28)	SA Decachlor...	8.992	7.965	42687535	52290976	22.402	21.290
Target Compounds							
2)	A alpha-BHC	3.909	3.262	31142889	33251611	10.003	9.851
3)	MA gamma-BHC...	4.242	3.596	29786629	31735640	10.449	9.885
6)	B beta-BHC	4.441	3.898	14303562	16506055	11.056	11.060
12)	B 4,4'-DDE	6.123	5.252	544615	366742	0.270	0.144 #
14)	MA Endrin	6.497	5.653	88455944	117.2E6	50.121	50.779
16)	A 4,4'-DDD	6.640	5.812	5007098	5731766	2.933	2.599
17)	MA 4,4'-DDT	6.955	6.065	187.1E6	239.7E6	111.113	114.784
18)	B Endrin al...	6.847	6.133	4262458	6941331	2.875m	3.673 #
20)	A Methoxychlor	7.437	6.651	253.1E6	307.3E6	278.985	254.973
21)	B Endrin ke...	7.568	6.864	9023712	12621920	4.212	4.490

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

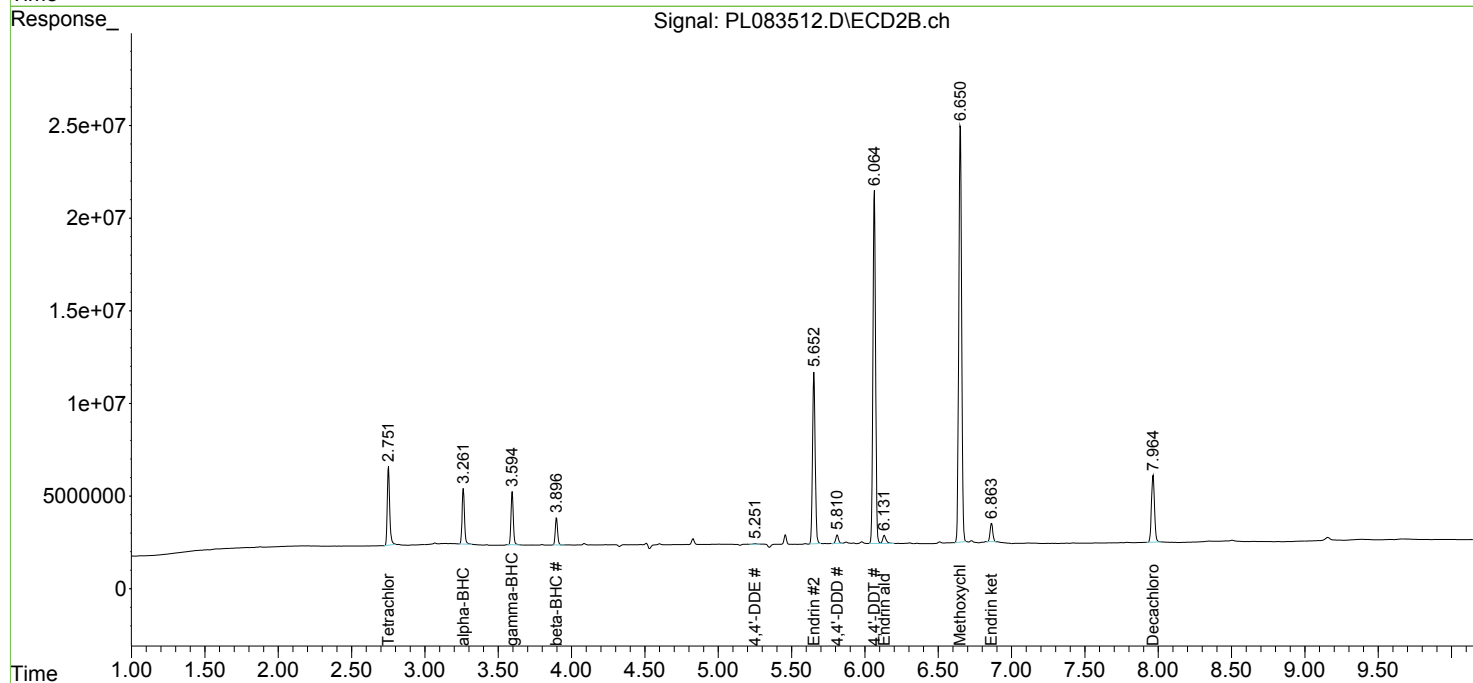
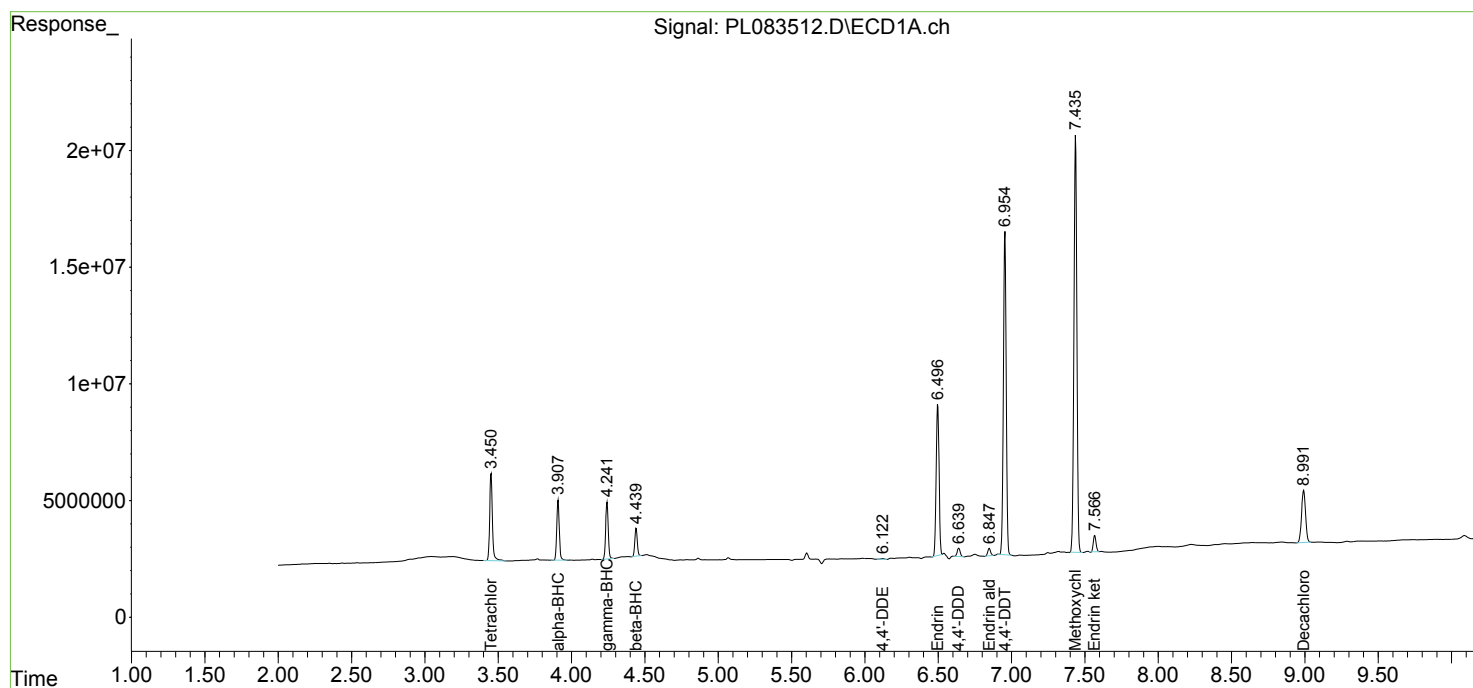
Instrument :
ECD_L
ClientSampleId :
PEM

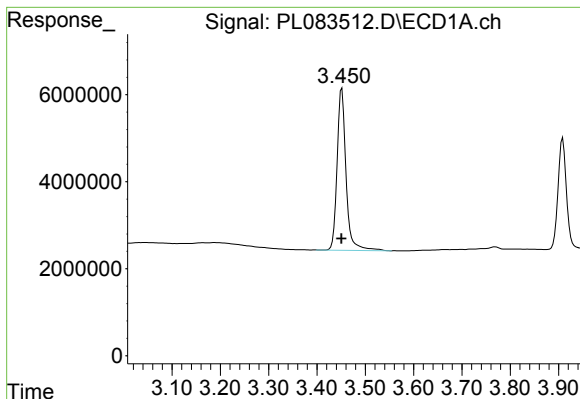
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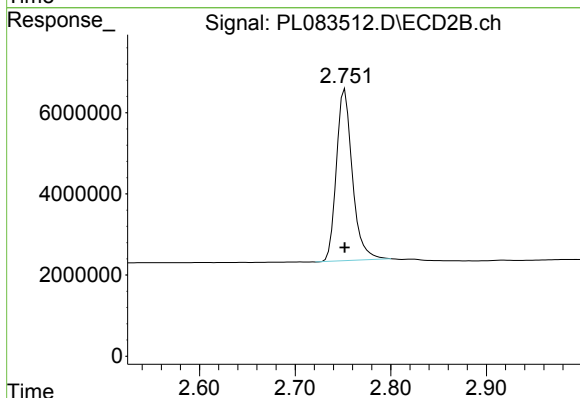
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 48123771
Conc: 21.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

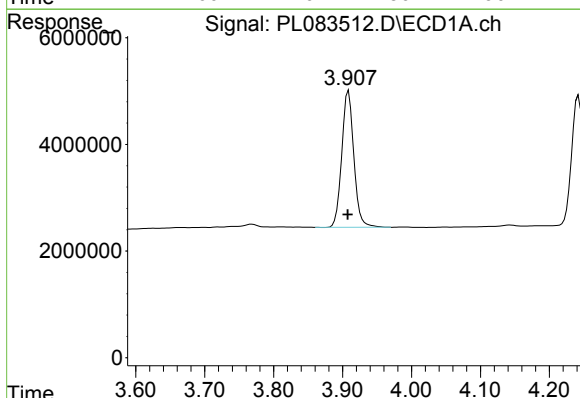
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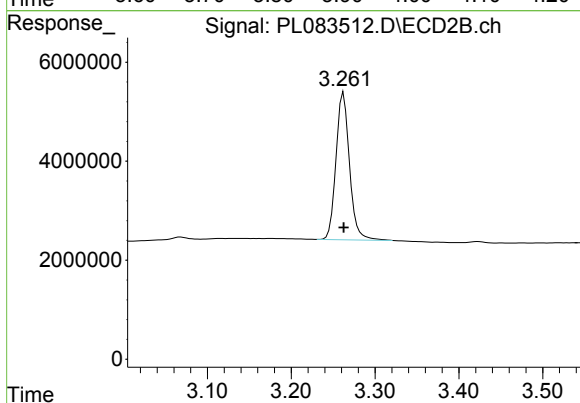
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 49050069
Conc: 21.06 ng/ml



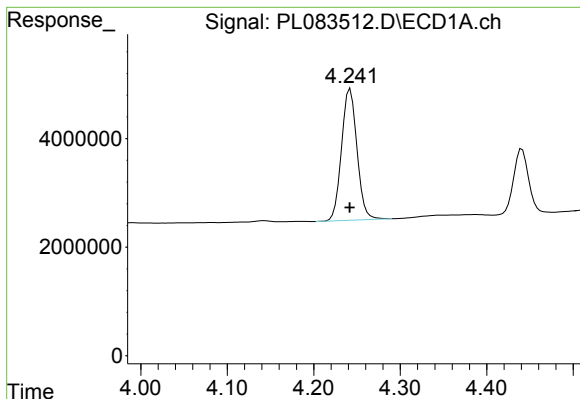
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.001 min
Response: 31142889
Conc: 10.00 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 33251611
Conc: 9.85 ng/ml



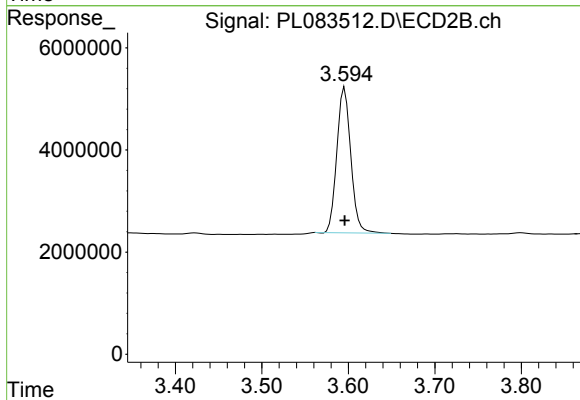
#3 gamma-BHC (Lindane)

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 29786629
Conc: 10.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

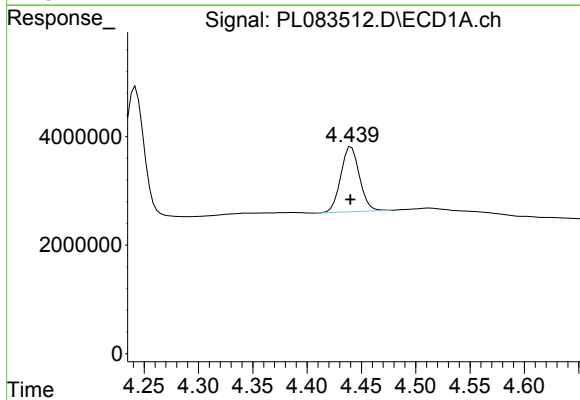
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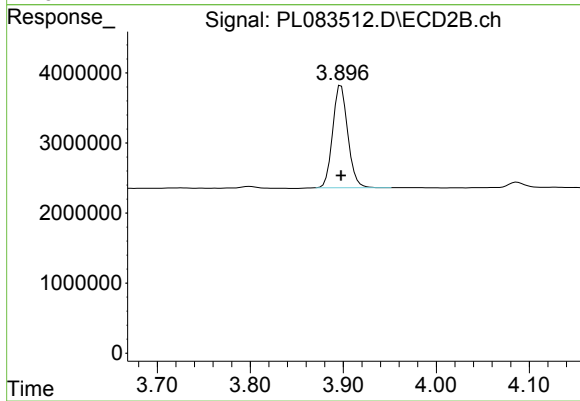
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 31735640
Conc: 9.88 ng/ml



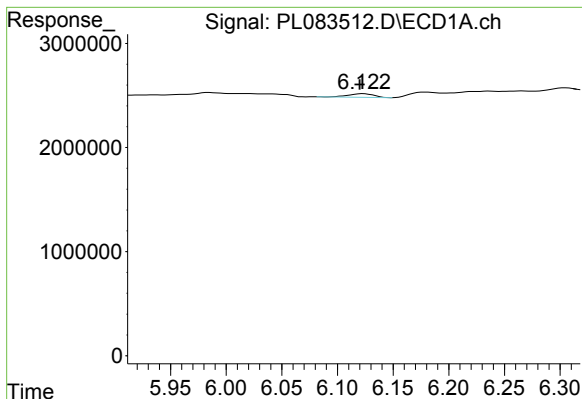
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 14303562
Conc: 11.06 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 16506055
Conc: 11.06 ng/ml



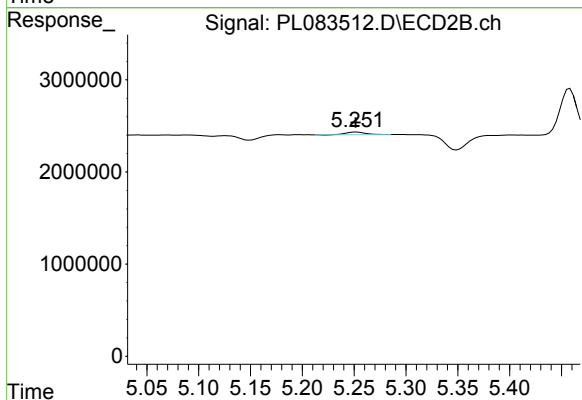
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: 0.003 min
Response: 544615
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

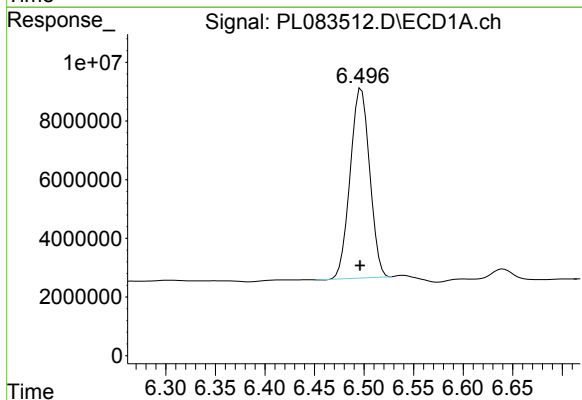
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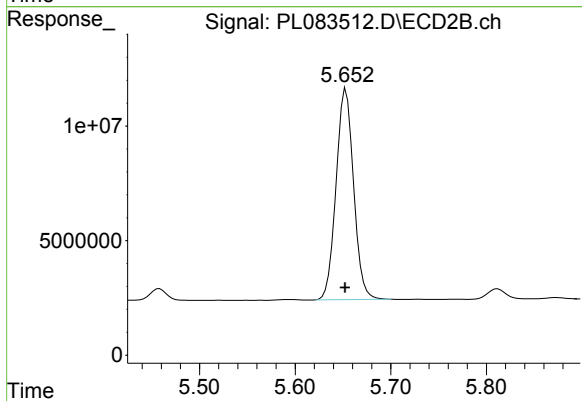
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 366742
Conc: 0.14 ng/ml



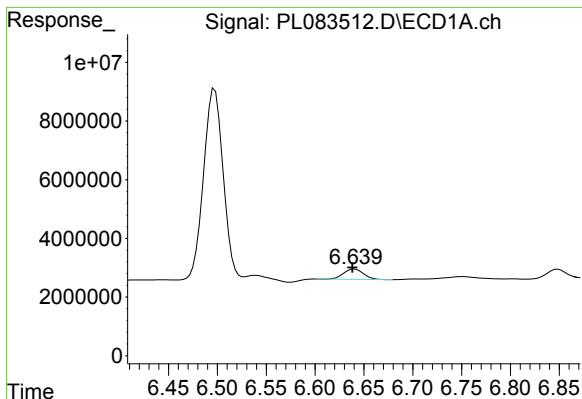
#14 Endrin

R.T.: 6.497 min
Delta R.T.: 0.001 min
Response: 88455944
Conc: 50.12 ng/ml



#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.001 min
Response: 117204469
Conc: 50.78 ng/ml



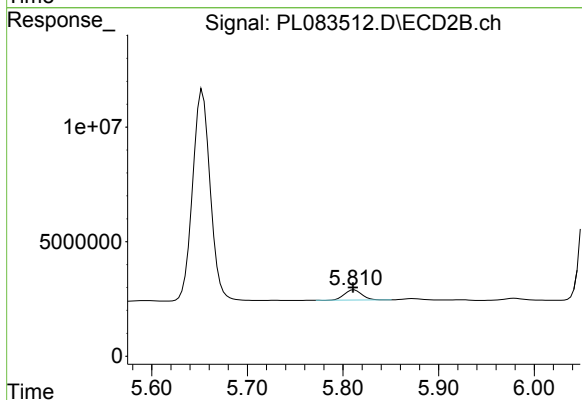
#16 4,4'-DDD

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 5007098
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

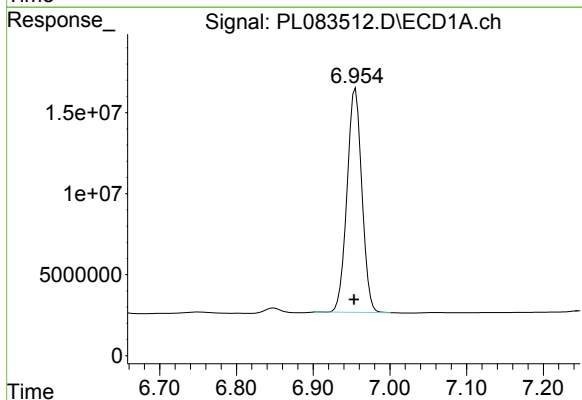
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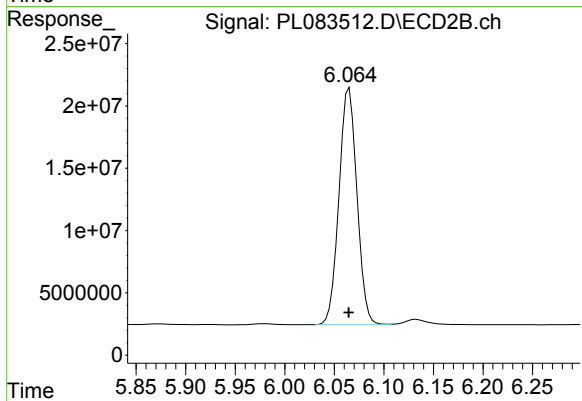
#16 4,4'-DDD

R.T.: 5.812 min
Delta R.T.: 0.001 min
Response: 5731766
Conc: 2.60 ng/ml



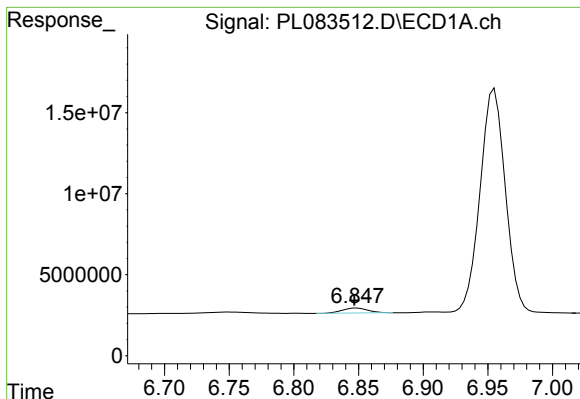
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.002 min
Response: 187076806
Conc: 111.11 ng/ml



#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 239651439
Conc: 114.78 ng/ml



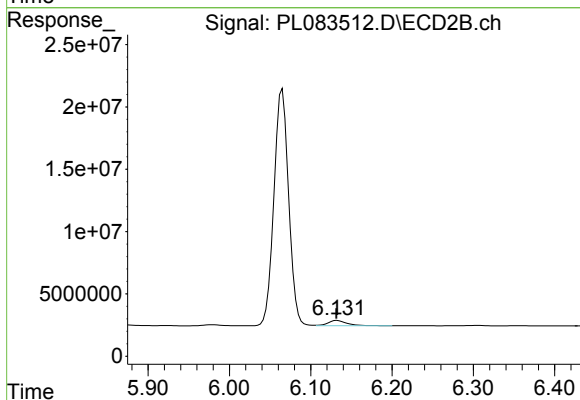
#18 Endrin aldehyde

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 4262458
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

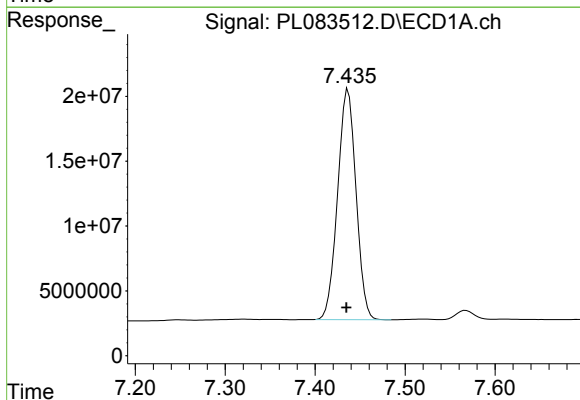
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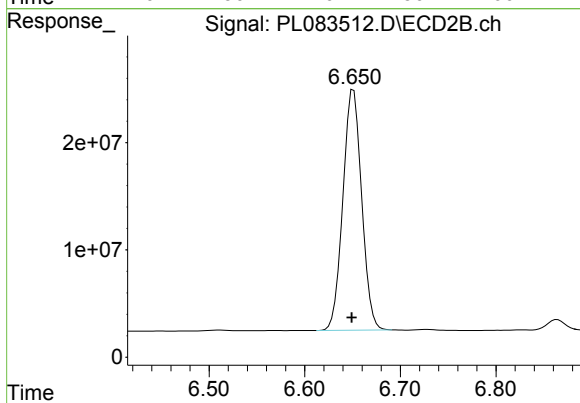
#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 6941331
Conc: 3.67 ng/ml



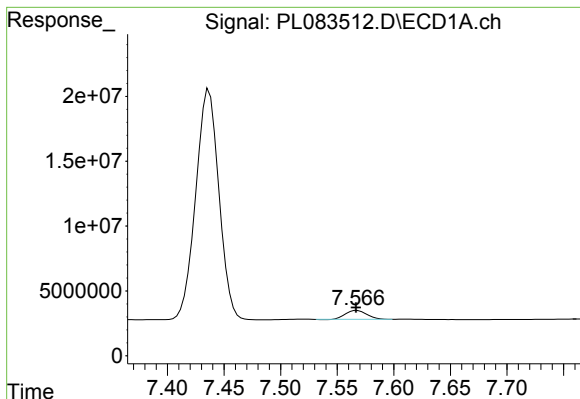
#20 Methoxychlor

R.T.: 7.437 min
Delta R.T.: 0.002 min
Response: 253056388
Conc: 278.98 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.002 min
Response: 307286288
Conc: 254.97 ng/ml



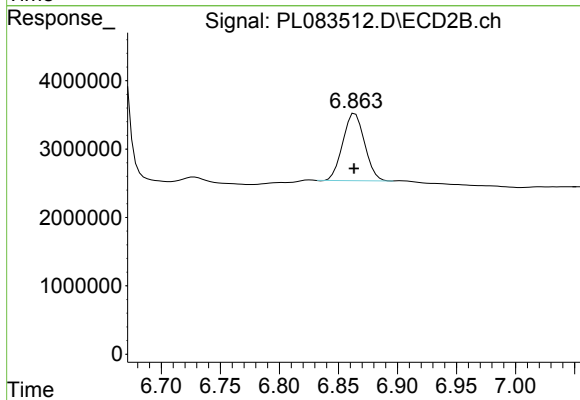
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 9023712
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

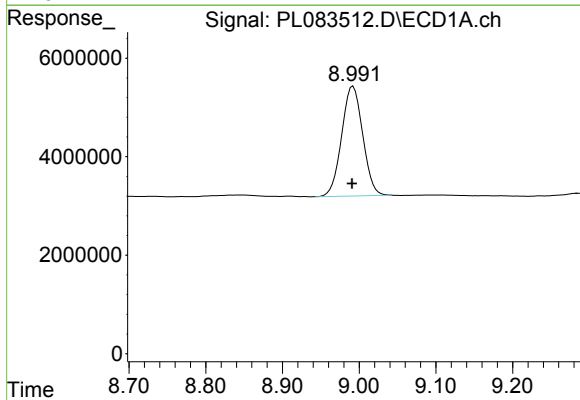
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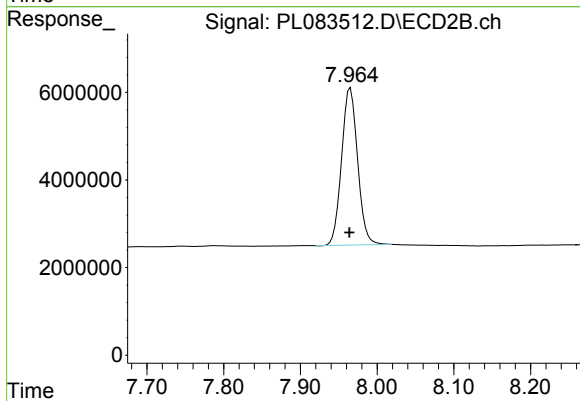
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 12621920
Conc: 4.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.992 min
Delta R.T.: 0.001 min
Response: 42687535
Conc: 22.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.001 min
Response: 52290976
Conc: 21.29 ng/ml